

# Converting Colors

Decimal(13080096)

Have a look what the booklet for  
Decimal(13080096) contains.

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# **Color**

**Decimal(13080096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C79620
RGB	199, 150, 32
RGB Percent	78%, 59%, 13%
CMY	0.2196, 0.4118, 0.8745
CMYK	0.00, 0.25, 0.84, 0.22
HSL	42°, 72%, 45%
HSV	42°, 84%, 78%
XYZ	34.7202, 34.0591, 6.1106
YIQ	151.1990, 67.0820, -26.3100

# Conversions

## Conversions Part 2

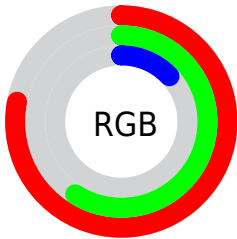
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 199, 32</a>
Decimal	<a href="#">13080096</a>
CIELab	<a href="#">65.01, 8.25, 63.10</a>
CIELCh	<a href="#">65, 63.636, 82.554</a>
Yxy	<a href="#">34.0591, 0.4636, 0.4548</a>
Android (android.graphics.Color)	<a href="#">4291270176 (0xFFC79620)</a>
YUV	<a href="#">151.1990, -58.7651, 41.9215</a>
Hunter-Lab	<a href="#">58.3602, 4.0648, 34.6442</a>

# Details

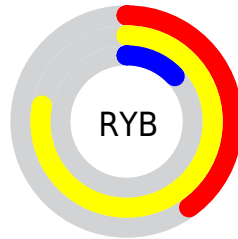
The Decimal color **13080096** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2118087**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16763993**, and **9200640** is the 20% darker color. If you saturate the color by 10%, you get **13078540**, and if you desaturate by 10%, it is **13081652**.

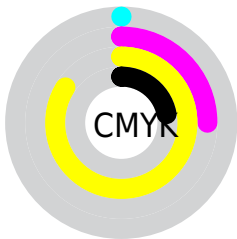
# Distribution



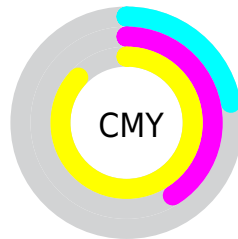
- Red (78%)
- Green (59%)
- Blue (13%)



- Red (40%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (84%)
- Black (22%)























- Cyan (22%)
- Magenta (41%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13080096 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 13080096 by changing the saturation by 10% instead.



 13080096	 13080096
 16777215	 11107328
 16763993	 9200640
 16771188	 7359488
 16777103	 5518592
 16777131	 3743744
 16777159	 2165504
 16777188	 0
 13080096	 13080096
 13078540	 13081652

■ 13077760

■ 13083208

■ 13084764

■ 13086064

■ 13087620

■ 13089175

■ 13090731

■ 13092287

■ 13093843

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15695684



13080096



9545768

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13080096



47560



13991140

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13080096



2118087

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8689151



13080096



46327

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13080096



47245



43263



16607662

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13080096



6664260



43263



12551410



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13080096



16772287



13049938



8418393



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13080096



16757760



10929952



6512986



10711808



2365696



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2118087



19455



4268231



5921891



12451



2596



# Previews

## White Background



This preview shows how the Decimal color 13080096 looks on a white background.

## Color Contrast Check

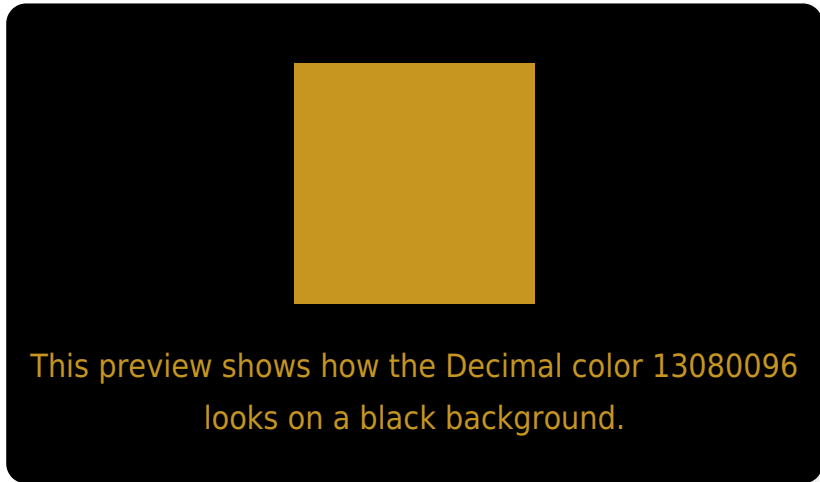
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13080096 Background



This preview shows how black text looks on a background with the Decimal color 13080096.



This preview shows how white text looks on a background with the Decimal color 13080096.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
13080096

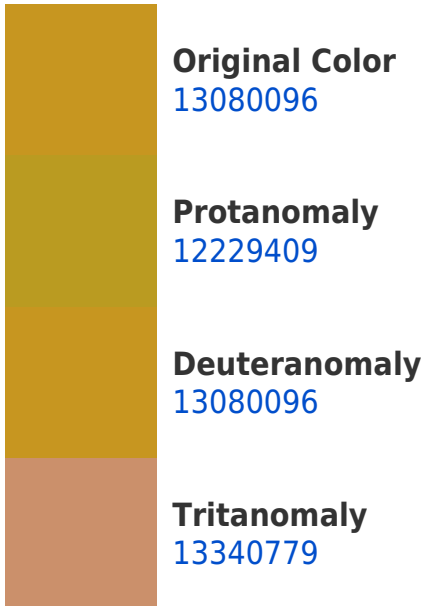
**Protanopia**  
11705890

**Deuteranopia**  
13080096



**Tritanopia**  
13536406

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13080096 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C79620 looks like.

```
.text, #text, p{  
    color:#C79620  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C79620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79620
}
```

## Border

The CSS property to change the border of an element to Decimal 13080096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C79620 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C79620 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C79620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79620; -webkit-box-shadow:4px 4px  
4px 4px #C79620; box-shadow:4px 4px 4px  
4px #C79620 }
```

# Background

The CSS property to change the background color of an element to Decimal 13080096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79620 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C79620 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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